

IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A reading method for reading a magneto-optical recording medium, comprising a storage layer and a readout layer, wherein an expanded domain leading to a readout pulse is generated in said readout layer by copying a mark region from said storage layer to said readout layer upon heating by a radiation power and with the aid of an external magnetic field, said method comprising the steps of:

.....a) controlling the size of a spatial copy window of said copying process by varying a predetermined reading parameter in response to a control information derived from said readout pulse;

.....

.....b) applying a predetermined additional pattern of change to said predetermined parameter; and

.....c) obtaining said control information from a deviation of a clock signal.

2. (Currently Amended) ~~A The method according to as claimed in~~ claim 1, wherein said clock signal is recovered from said readout pulse, from a wobbled groove, or from embossed marks provided on said recording medium, or from any combination thereof.

3. (Currently Amended) ~~A-The method according to as claimed in~~
claim 1, wherein said predetermined parameter corresponds to the
value of said radiation power.

4. (Currently Amended) ~~A-The method according to as claimed in~~
claim 1, wherein said predetermined parameter corresponds to the
strength of said external magnetic field.

5. (Currently Amended) ~~A-The method according to as claimed in~~
claim 1, wherein said predetermined parameter corresponds to a
combination of the value of said radiation power and the strength
of said external magnetic field.

6. (Currently Amended) ~~A-The method according to as claimed in~~
claim 5, wherein one of said values of said radiation power and
said strength of said external magnetic field is used for coarse
control and the other one is used for fine control.

7. (Currently Amended) ~~A-The method according to as claimed in~~
claim 4, wherein said strength of said external magnetic field is
varied by varying a coil current of a magnetic head.

8. (Currently Amended) ~~A-The method according to as claimed in~~
claim 1, wherein said control information is obtained from a
deviation of a maximum value of a phase error of said recovered
clock signal from a predetermined set value.

9. (Currently Amended) ~~A The method according to~~ as claimed in claim 1, wherein said predetermined additional change pattern is a periodic pattern of a predetermined frequency.

10. (Currently Amended) ~~A The method according to~~ as claimed in claim 9, wherein said periodic pattern is a sinusoidal pattern.

11. (Currently Amended) ~~A The method according to~~ as claimed in claim 9, wherein said periodic pattern is a square-wave pattern.

12. (Currently Amended) ~~A The method according to~~ as claimed in claim 11, wherein the frequency of said square-wave pattern corresponds to half of a bit frequency or an integer multiple of half of the bit frequency.

13. (Currently Amended) ~~A The method according to~~ as claimed in claim 1, wherein said clock signal is recovered by using a phase-locked loop function.

14. (Currently Amended) A reading apparatus for reading from a magneto-optical recording medium comprising a storage layer and a readout layer, wherein an expanded domain leading to a readout pulse is generated in said readout layer by copying a mark region
5 from said storage layer to said readout layer upon heating by a

radiation power and the aid of an external magnetic field, said apparatus comprising:

.....a) control means for controlling the size of a spatial copy window of said copying process by varying a predetermined

10 reading parameter in response to a control information derived from said readout pulse;

.....b) change means for applying a predetermined additional pattern of change to said predetermined parameter; and

15c) clock recovery means for obtaining said information from a deviation of a clock signal.

15. (Currently Amended) ~~A The reading apparatus according to as claimed in~~ claim 14, wherein said clock recovery means ~~is arranged to recover~~ recovers said clock signal from said readout pulse, from a wobbled groove, or from embossed marks provided on said recording
5 medium, or from any combination thereof.

16. (Currently Amended) ~~A The reading apparatus according to as claimed in~~ claim 14, wherein said control means ~~is arranged to vary~~ varies said radiation power.

17. (Currently Amended) ~~A The reading apparatus according to as claimed in~~ claim 14, wherein said control means ~~is arranged to vary~~ varies said external magnetic field.

18. (Currently Amended) ~~A-The reading apparatus according to as~~
~~claimed in~~ claim 14, wherein said control means ~~is arranged to~~
~~vary~~varies the value of said radiation power and the strength of
said external magnetic field in combination.

19. (Currently Amended) ~~A-The reading apparatus according to as~~
~~claimed in~~ claim 18, wherein said control means ~~is arranged to~~
~~use~~uses one of said values of said radiation power and said
strength of said external magnetic field for coarse control and the
5 other one for fine control.

20. (Currently Amended) ~~A-The reading apparatus according to as~~
~~claimed in~~ claim 14, ~~wherein said reading apparatus also comprising~~
~~comprises~~ field control means for sustaining said external magnetic
field until said mark region is copied, and for reversing said
5 external magnetic field in response to detection of said readout
pulse.

21. (Currently Amended) ~~A-The reading apparatus according to as~~
~~claimed in~~ claim 14, wherein said clock recovery means ~~is arranged~~
~~to obtain~~obtains said control information from a deviation of a
maximum value of a phase error of said clock signal from a
5 predetermined set value.

22. (Currently Amended) ~~A-The reading apparatus according to as claimed in~~ claim 14, wherein said clock recovery means comprises a phase-locked loop circuit.

23. (Currently Amended) ~~A-The reading apparatus according to as claimed in~~ claim 14, wherein said change means ~~is arranged to use~~ a periodic pattern of a predetermined frequency as said predetermined additional change pattern.

24. (Currently Amended) ~~A-The reading apparatus according to as claimed in~~ claim 23, wherein said periodic pattern is a sinusoidal pattern.

25. (Currently Amended) ~~A-The reading apparatus according to as claimed in~~ claim 23, wherein said periodic pattern is a square-wave pattern.

26. (Currently Amended) ~~A-The reading apparatus according to as claimed in~~ claim 25, wherein the frequency of said square-wave pattern corresponds to half of a bit frequency or an integer multiple of half of the bit frequency.

27. (Currently Amended) ~~A-The reading apparatus according to as claimed in~~ claim 14, wherein said reading apparatus is a disk player for MAMMOS disks.

